

ABSTRACT OF THE DISCLOSURE

A sheet feeder for use, with a stack having plates and sheets alternating. Sheets are removed by being reliably suction adhered with a sucker. The sheet feeder includes a suction device, and the sucker and device are mounted at a supporting portion. In order to allow suction adhering of the plates and sheets alternately stacked in a magazine, the suction device is operated when the sucker is brought into contact with the sheet, and the sheet is raised separately from the plate. Thereafter, the sheet is suction adhered to the sucker by suction. This makes it possible to prevent the sucker from suction adhering to the plate together with the sheet, and only the sheet is reliably from the stack.